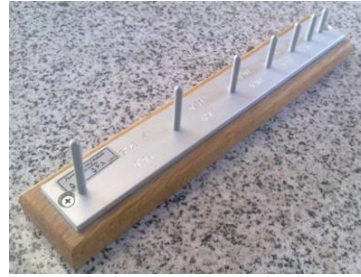


Aggregate

Name: The percentage of defective aggregate weight

Purpose: To determine the percentage of defective aggregate weighting

Standards: BS 812: 105 , EN 933-3



Name: Bulk Density ("Unit Weight") and Voids in Aggregate

Purpose: For determination of bulk density ("unit weight") of aggregate in a compacted or loose condition, and calculated voids between particles in fine, coarse, or mixed aggregates based on the same determination. This test method is applicable to aggregates not exceeding 125 mm in nominal maximum size.

Standards: ASTM C29 - AASHTO T19/T19M



Name: Sieve Analysis of Fine and Coarse Aggregates

Purpose: For determination of the particle size distribution of fine and coarse aggregates by sieving.

Standards: ASTM C136 – AASHTO T 27



Name: Determination of Water (Moisture) Content of Soil and Rock

Purpose: For determination of the water (moisture) content by mass of soil, rock, and similar materials where the reduction in mass by drying is due to loss of water.

Standards: ASTM D2216



Name: Resistance to Abrasion and Impact in the Los Angeles Machine

Remarks: This test method covers a procedure for testing of coarse aggregates with a maximum size smaller than 37.5 mm for resistance to degradation using the Los Angeles testing machine.

Standards: ASTM C131



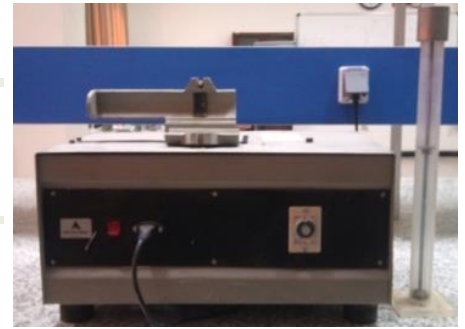
Name: Determining the Density and Water Absorption of Aggregate

Purpose: To determine changes in the mass of the aggregate when immersed in water

Standards: BS 812-2



Name: Sand Equivalent Value of Soils and Fine Aggregate



Remarks: The sand equivalent expresses the concept that most granular soils and some fine aggregates are mixtures of desirable coarse particles, sand-size particles, and generally undesirable clay or plastic fines and dust.

Standards: ASTM D2419 - AASHTO T 176

Name: Relative Density (Specific Gravity) and Absorption of Fine and Coarse Aggregate



Remarks: The relative density (specific gravity), a dimensionless quality, is expressed as oven-dry (OD), saturated-surface-dry (SSD), or as apparent relative density (specific gravity). The OD relative density is determined after drying the aggregate.

Standards: ASTM C128 - ASTM C127